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TITLE: DISCHARGE PIPE OF SEALED COMPRESSOR
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INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To separate the lubricating oil contained in a compressed gas and to attenuate the discharge pulsation by blocking the end part on a sealed vessel inner part side of the discharge pipe of the sealed compressor for discharging the compressed gas to the outside, and providing a plurality of small holes in this end part.

SOLUTION: A compressed gas 43 including a lubricating oil is passed through a plurality of small holes 41 of a discharge pipe 35. The lubricating oil included in the compressed gas is hardly passed through the small holes 41, and apt to be adhered to the circumference of the small holes 41 since the specific gravity of the lubricating oil is large, compared with the compressed

gas. The adhered lubricating oil then forms into a drop 45 and fall down into a sealed vessel 3. Thus, the compressed gas is separated from the lubricating oil. Further, the flow of the compressed gas 43 is changed by throttling the passage sectional area when the compressed gas 43 is passed through the small holes 41, and the turbulent flow state including a pulsating pressure component so far is changed to a laminar flow state. At this time, the pulsating pressure component is attenuated. Thus, the vibration or noise in a piping through which the compressed gas 43 is passed is suppressed.

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